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and	A	390,960	10/9/1888	Gustin					
60~	В	1,940,090	12/19/1933	Hetherington					
ar	С	2,539,598	1/30/1951	Suska					
arr	D	4,145,769	3/27/1979	MacFarlane, et al.					
an	Е	4,420,811	12/13/1983	Tarnay, et al.					
w	F	4,563,780	1/14/1986	Pollack					
6/1	G	4,682,728	7/28/1987	Oudenhoven, et al.					
an	Н	4,700,884	10/20/1987	Barrett, et al.					
appr	1	4,854,499	8/8/1989	Neuman					
.NpN	J	4,923,116	5/8/1990	Homan					
W	K	Re. 35,018	8/15/1995	Homan					
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an	L	JP 62-269212	11/21/1987	Japanese				<u> </u>	
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600	N	EP 0 332 045 A2	9/13/1989	European					
ww	0	EP 1 164 450 A1	12/19/2001	European					l
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ar	Α	4,974,636	12/4/1990	Coggar						
an	В	5,062,453	11/5/1991	Saadi, et al.						
01	С	5,170,514	12/15/1992	Weigert						
WP	D	5,217,035	6/8/1993	Van Marke						
60%	Е	5,243,717	9/14/1993	Yasuo						
ave	F	5,328,597	7/12/1994	Boldt, Jr. et al.						
OPP	G	5,566,702	10/22/1996	Philipp						
ar	Н	5,577,706	11/26/1996	King						
ON	ı	5,655,561	8/12/1997	Wendell, et al.						
ans	J	4,965,448	10/23/1990	Morse, et al.						
and	К	5,570,869	11/5/1996	Diaz, et al.						
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GKP	A	5,819,336	10/13/1998	Gilliam, et al.		†		1	
600	В	5,745,049	4/28/1998	Akiyama, et al.				 	
an	С	6,273,394 B1	8/2001	Vincent, et al.					
ON	D	5,984,262 A	11/1999	Parsons, et al.					
WN	Е	5,281,808 A	1/1994	Kunkel, Horst		1		 	
ann	F	20020088823	7/11/2002	Tabacchi et al.					
WILL	G	5,910,776	6/08/1999	Black					
رمرتن	Н	5,915,417	6/29/1999	Diaz, et al.					
w	I	6,000,429	12/14/1999	Van Marcke					
an	J	6,006,784	12/28/1999	Tsutsui, et al.					
ONN	K	6,038,519	3/14/2000	Gauthier, et al.					
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an	Α	6,059,192	5/9/2000	Zosimadis						
ans,	В	6,123,093	9/26/2000	D'Antonio, et al.						
an	С	6,124,806	9/26/2000	Cunningham, et al.						
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